

ARG64979
anti-Calponin 2 antibodyPackage: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Calponin 2
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognize both reported isoforms (NP_004359.1; NP_958434.1), but it is not expected to cross-react with CCN3.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Calponin 2
Species	Human
Immunogen	C-DPGEVPEYPPYYQEE
Conjugation	Un-conjugated
Alternate Names	Calponin-2; Neutral calponin; Calponin H2, smooth muscle

Application Instructions

Application table	Application	Dilution
	IHC-P	2.5 µg/ml
	WB	0.03 - 0.1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

before use.

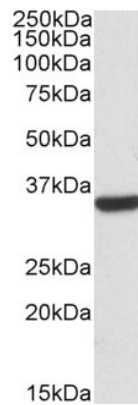
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

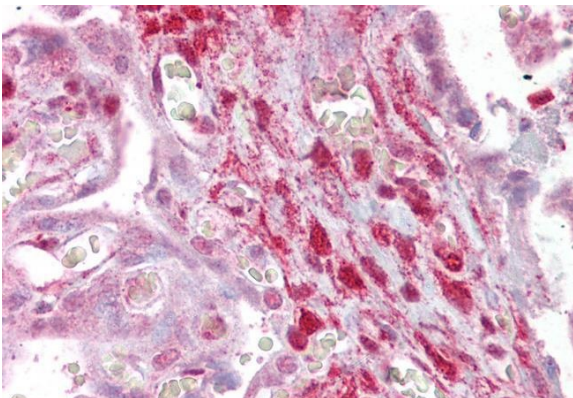
Database links	GeneID: 1265 Human Swiss-port # Q99439 Human
Background	The protein encoded by this gene, which can bind actin, calmodulin, troponin C, and tropomyosin, may function in the structural organization of actin filaments. The encoded protein could play a role in smooth muscle contraction and cell adhesion. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Research Area	Cell Biology and Cellular Response antibody; Signaling Transduction antibody
Calculated Mw	34 kDa

Images



ARG64979 anti-Calponin 2 antibody WB image

Western blot: HepG2 lysates (35 µg protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. stained with ARG64979 anti-Calponin 2 antibody at 0.03 µg/ml dilution.



ARG64979 anti-Calponin 2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human placenta tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64979 anti-Calponin 2 antibody at 2.5 µg/ml dilution followed by AP-staining.